

53883-324

07/02/2013

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 <p align="center"><b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> Office of Pesticide Programs Registration Division (7504P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460-0001</p> <p align="center"><b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration (under FIFRA, as amended)</p>	<b>EPA Reg. Number:</b>  <b>53883-324</b>	<b>Date of Issuance:</b>  <b>JUL 2 2013</b>
	<b>Term of Issuance:</b>  <b>Unconditional</b>	
	<b>Name of Pesticide Product:</b>  <b>CSI 3-6-10 ULV Fogging Concentrate</b>	
<b>Name and Address of Registrant (include ZIP Code):</b>  <b>Control Solutions, Inc.</b> <b>5903 Genoa-Red Bluff</b> <b>Pasadena, TX 77507-1041</b>		
<b>Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</b>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p align="center">This product is unconditionally registered in accordance with section 3(c)(5) of FIFRA provided that you:</p> <ol style="list-style-type: none"> <li>1. Submit and/or cite all data required for registration of your product under section 3(c)(5) of FIFRA when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under section 4 of FIFRA.</li> </ol>		
(continued on page 2)		
<b>Signature of Approving Official:</b>  See page #4.  Richard J. Gebken, Product Manager (10) Insecticide Branch, Registration Division (7504P)	<b>Date:</b>  <b>JUL 2 2013</b>	

EPA Form 8570-6

2. Make the following change(s) to the label:

- a. Change the product registration number to "EPA Reg. No. 53883-324"
- b. Make the following label revision(s):

General Statements:

- 1. Delete all text throughout the subject label that is marked with "~~striketrough.~~"

Efficacy Review comment(s):

- 2. Based upon review of the cited efficacy (product performance) data, the efficacy claims on the subject label are adequately supported, and thus acceptable, with one (1) exception. As such, you must make the following changes:
  - Data were not cited nor submitted for the following public health pests: Black flies, Horse flies, Stable flies, general claim for spiders, and a general claim for ticks. Therefore, these insect pests must be removed from the subject label, including all related claims.

First Aid section comment(s), middle of page 1 of 8:

- 3. To facilitate inclusion of label changes from the Agency's Label Review Manual, revise the 2<sup>nd</sup> sentence within the existing "HOT LINE NUMBER" subsection to read "For additional information on this product (including health concerns, medical emergencies or pesticide incidents), you may call the National Pesticide Information Center at 1-800-858-7378, Monday through Friday from 7:30 AM to 3:30 PM Pacific Time. After 3:30 PM Pacific Time and on weekends, call your poison control center."

Precautionary Statements, Hazards to Humans and Domestic Animals subsection comment(s), page 2 of 8:

- 4. To facilitate inclusion of required label changes from the acute toxicity review completed for this product, the Agency's Label Review Manual, the REDs for pyrethrins and piperonyl butoxide, and to be consistent with the comparison product for this application (ULD BP-50 Insecticide; EPA Reg. No. 499-453), you must revise this subsection to read "CAUTION: Contains petroleum distillates. Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Wear long-sleeved shirt, long pants, shoes and socks, and gloves."

Personal Protective Equipment (PPE) subsection comment(s), top of page 2 of 8:

- 5. To facilitate inclusion of required label changes from the REDs for pyrethrins and piperonyl butoxide, you must make the following changes:
  - Insert the following text immediately preceding the "User Safety Requirements" subsection to read "See engineering controls for additional requirements."
  - Revise the "User Safety Recommendations" subsection to read:

**User Safety Recommendations**

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Directions for Use. USE RESTRICTIONS subsection comment(s), pages 2-3 of 8:

- 6. To facilitate inclusion of required label changes from the REDs for pyrethrins and piperonyl butoxide, you must make the following changes:
  - Insert the following new bulleted use restrictions immediately following the existing 2<sup>nd</sup> bulleted use restriction:
    - "Do not contaminate food or feedstuffs."
    - "Do not use in aircraft cabins."
    - "This product is not for use in outdoor residential misting systems (indoor or outdoor)."
  - Insert the following new bulleted use restrictions immediately following the existing 1<sup>st</sup> bulleted use restriction to read "This product is not for direct application to companion animals (dogs, cats, puppies, or kittens)."
  - Revise the existing 7<sup>th</sup> bulleted use restriction to read "Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application."

- Revise the existing 8<sup>th</sup> bulleted use restriction to read “When used outdoors around residential areas: All outdoor applications, if permitted elsewhere on this label, must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses, if allowed elsewhere on this label: (1) Applications to soil or vegetation, as listed on this label, around structures; (2) Applications to lawns, turf, and other vegetation, as listed on this label; (3) Applications to the side of a building, up to a maximum height of 3 feet above grade; (4) Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure; (5) Applications around potential pest entry points into buildings, when limited to a surface band not to exceed one inch in width; and (6) Applications made through the use of a coarse, low pressure spray to only those portions of surfaces that are directly above bare soil, lawn, turf, mulch or other vegetation, as listed on this label, and not over an impervious surface, drainage or other condition that could result in run-off into storm drains, drainage ditches, gutters, or surface waters, in order to control occasional invaders or aggregating pests.”

Directions for Use, Subsection-Specific comment(s), pages 4-6 of 8:

7. To facilitate inclusion of required label changes from the REDs for pyrethrins and piperonyl butoxide, make the following subsection-specific changes:

- Insert the following text immediately following the existing last sentence within the “**ULV and Space Spray:**” subsection to read “Vacate treated area and thoroughly ventilate before re-occupying.”
- Insert the following text immediately following the existing last sentence within the “**Contact and Space Spray:**” subsection to read “Vacate treated area and thoroughly ventilate before re-occupying.”
- Revise the existing “**For Use Federally-Inspected Meat and Poultry Plants:**” subsection heading to read “**For Use in Meat and Poultry Processing Plants:**”

Storage and Disposal section comment(s), page 9-10 of 10:

8. To facilitate inclusion of required label language from PR Notice 2007-4 and/or the Agency’s Label Review Manual, you must make the following changes:

- Revise all 3 instances of the existing “**Pesticide Storage:**” subsection to read “Store in a cool, dry (preferably locked) area that is inaccessible to children and animals.”
- For product in rigid, non-refillable containers less than or equal to 5 gallons, revise the last 3 sentences within the “**Container Handling:**” subsection to read “Offer for recycling if available or dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.”
- For product in rigid, non-refillable containers greater than 5 gallons, revise the last sentence within the “**Container Handling:**” subsection to read “Offer for recycling if available or dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.”
- For product in rigid, refillable containers, revise the last sentence within the “**Container Handling:**” subsection to read “Repeat this rinsing procedure 2 more times. Offer for recycling if available or dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.”

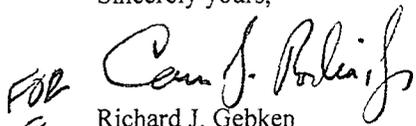
Conditional Data Requirements:

9. Within one (1) year from the date of this registration, Control Solutions, Inc. is obligated to submit a One Year Storage Stability (830.6317) study and a Corrosion Characteristics (830.6320) study on this product in support of this registration.<sup>1</sup>
3. You must submit two (2) copies of the revised final printed labeling, incorporating the above changes, before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with section 6(e) of FIFRA. Your release for shipment of the product bearing amended labeling constitutes accepting of these conditions.

<sup>1</sup> For more detailed information, please refer to page 4 of 4 of the product chemistry review completed for this product.

A copy of your label stamped "Accepted with Comments" is enclosed for your records along with hard copies of the acute toxicity, efficacy, and product chemistry reviews completed for this product. If you have any questions about this label review, please contact Mr. Carmen J. Rodia, Jr. at (703) 306-0327 or via e-mail at [Rodia.Carmen@epa.gov](mailto:Rodia.Carmen@epa.gov).

Sincerely yours,



Richard J. Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7504P)

Enclosures: *Label Stamped "Accepted with Comments," dated July 2, 2013*  
*Acute Toxicity Review, dated December 19, 2012*  
*Efficacy Review, dated June 24, 2013*  
*Product Chemistry Review, dated January 3, 2013*

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# CSI 3-6-10 ULV Fogging Concentrate

{Select marketing claims from "Marketing Claims" section below}

<b>Active Ingredients:</b>	
Pyrethrins .....	3%
Piperonyl butoxide* .....	6%
N-Ocyl bicycloheptene dicarboximide** .....	10%
<b>Other Ingredients***</b> .....	<u>81%</u>
Total .....	100%

\*(butyl carbityl) (6-propylpiperonyl) ether and related compounds

\*\*MGK® 264, Insecticide Syngerist

\*\*\*Contains petroleum distillates

MGK® - Registered trademark of McLaughlin Gormley King Company

**Keep Out of Reach of Children  
CAUTION**

See back [side] panel for First Aid and additional Precautionary Statements.

EPA Reg. No. 53883-\_\_\_ EPA Est. \_\_\_\_\_

Net Contents: 1 Gallon

ACCEPTED  
 With COMMENTS  
 In EPA Letter Dated:  
 July 2, 2013  
 Under the Federal Insecticide, Fungicide  
 and Rodenticide Act, As amended, for the  
 pesticide Registered under EPA Reg. No.:  
 53883-324  
 Back Panel

**First Aid**

<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor for treatment advice.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person</li> </ul>
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Immediately rinse skin with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>Note to Physician:</b> Contains petroleum distillate; vomiting may cause aspiration pneumonia.	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information	

{The First Aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans & Domestic Animals**

**CAUTION:** Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Obtain medical attention if irritation persists. Avoid contamination of food or feedstuffs.

**Personal Protective Equipment (PPE)**

**Mixers, loaders, applicators and other handlers must wear:** Long-sleeved shirt, long pants, chemical-resistant gloves made of barrier laminate, nitrile rubber, neoprene rubber or viton, shoes and socks.

In addition to the above PPE, applicators using a high-pressure handwand in an enclosed area must wear at least a NIOSH-approved respirator with a dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or any N, R, P or HE filter.

In addition to the above PPE, applicators using hand held foggers in an enclosed area must wear a half-face, full-face or hood-style NIOSH-approved respirator with:

- a dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC-21C) or
- a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or
- a cartridge or canister with any N, R, P or HE filter.

#### User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

#### User Safety Recommendations

##### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Immediately remove clothing/PPE if pesticide gets inside; then thoroughly wash and put on clean clothing.
- Immediately remove PPE after handling this product.
- Wash the outside of gloves before removing.
- As soon as possible, thoroughly wash and change into clean clothing.

***{Products labeled exclusively for indoor use may omit the following Environmental Hazards statements:}***

#### Environmental Hazards

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

***{Products labeled exclusively for indoor use and packaged in containers equal to or greater than 5 gallons must add the following to the Environmental Hazards statements:}***

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your state water board or Regional Office of the EPA.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

#### Precautions and Restrictions

Completely read all directions before use.

Do not apply more than 1 time per day.

Remove pets/birds and cover fish aquariums before use.

Do not enter or allow others to enter treated areas until sprays have dried.

Do not allow adults, children or pets to enter the treated area for at least 15 minutes until vapors, mists and aerosols have dispersed and the treated area has been thoroughly ventilated.

Do not remain in the treated area; immediately exit area and remain outside the treated area until aerosols, vapors and mists have dispersed.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift; only protected handlers may be in the area during application.

~~Avoid contamination of food or feedstuffs.~~

Remove or cover exposed food and drinking water before application.

Remove or cover dishes, utensils, food processing equipment and food preparation surfaces or wash them before use.

Direct application to food contact surfaces is prohibited.

When used in dairy barns or facilities: Close bulk milk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash animals' teats before milking. Do not make space spray applications when facility is in operation.

Prior to space spray applications: Cover or remove food; and cover food processing surfaces or clean surfaces after treatment and before use.

~~Not for use in outdoor residential misting systems~~

~~Do not use in aircraft cabins~~

Do not apply directly into sewers, drains or to any area like a gutter where drainage to storm sewers, water bodies or aquatic habitat can occur; do not allow product to enter any drain during or after application.

**In Hospitals:** Remove patients from room prior to treatment. Ventilate room for 2 hours after spraying. Do not return patients to room until after the ventilation.

### Product Information

This concentrate is designed for use undiluted in mechanical sprayers that give particles of aerosol size. It can be diluted with refined kerosenes that meet Food Additive Regulations as defined by 21 CFR § 172.884 and applied in fogging equipment that give larger than aerosol particle size. It can also be diluted with the oil specified above and applied as a contact spray to kill crawling insects claimed on this label.

#### Indoor Areas: For Use In and Around, ~~But Not Limited to (such as):~~

Animal areas and quarters	Crematoriums	Industrial installations
Animal shelters	Day care centers	Institutional dining areas
Animal control centers	Delicatessens	Institutions
Apartments	Department stores	Jails
Arcades	Diners	Kennels
Attics	Dog houses	Laboratories
Auditoriums	Drug stores	Laundromats
Bakeries	Dumpsters	Lavatories
Beverage plants	Dwellings	Libraries
Bars	Egg processing plants	Liquor stores
Basements	Factories	Locker rooms
Bathrooms	False ceilings	Marinas
Boats	Freight containers	Mausoleums
Bottling plants	Fruit packing sheds	Meat packing plants
Breweries	Funeral parlors	Mess halls
Brewery warehouses	Garbage bins	Mini-storages
Buildings	Garbage cans	Mobile canteens
Buses	Garbage compactors	Mobile homes
Cabins	Garbage trucks	Morgues
Cabinets	Gas stations	Mortuaries
Cafeterias	Grain elevators	Motels
Campers	Grain harvesting/handling equipment	Movie theaters
Canneries	Garages	Museums
Churches	Grain mills	Nursing homes
Circus tents	Granaries	Office buildings
City missions	Grocery stores	Other public buildings
Closets	Homes	Parking garages
Clubhouses	Horse stables/barns	Pool halls
Commercial buildings	Horse trailers	Prisons
Communication centers	Hospices	Public storages
Condominiums	Hospitals	Railroad cars
Concession stands	Hotels	Recreational vehicles [RVs]
Court houses	Indoor eating establishments	Research animal quarters
Crawl spaces		Restaurants

Retail stores  
Rice mills  
Schools  
Shops  
Ships-holds  
Smoke shops  
Sports stadiums  
Stables  
Storage bins [areas]  
Stored food in multi-walled,  
paper or cloth bags  
Stores

Supermarkets  
Taverns  
Textile mills/warehouses  
Theaters  
Tobacco factories  
Tobacco warehouses  
Tool sheds  
Trains  
Transportation equipment  
Trucks  
Truck trailers  
Tunnels

Utilities  
Utility rooms  
Vending machines  
Veterinary hospitals  
Wall/equipment voids  
Warehouses  
Washrooms  
Wholesale stores  
Wine cellars  
Wineries  
Zoos

*{The above may be listed in paragraph format}*

**To Kill the Following Insects ~~(including, But Not Limited to, [unclear])~~:**

Almond moths  
Angoumois grain moths  
Ants  
~~Black flies~~  
Boxelder bugs  
Brown dog ticks  
Cadelles  
Carpet beetles  
Cereal beetles  
Cheese mites  
Cheese skippers  
Chocolate moths  
Cigarette beetles  
Clothes moths  
Clover mites  
Cockroaches  
Coffee bean weevils  
Confused flour beetles  
Crickets  
Dark mealworms  
Darkling beetles  
Dear flies  
Dermestid beetles  
Dried fruit beetles

Drugstore beetles  
Earwigs  
Face flies  
Firebrats  
Flat grain beetles  
Fleas  
Flies  
Flying moths  
Fruit flies  
Gnats  
Grain mites  
Granary weevils  
Horn flies  
Hornets  
~~House flies~~  
Indian meal moths  
Khapra beetles  
Lesser grain borers  
Lesser house flies  
Mediterranean flour moths  
Merchant grain beetles  
Midges  
Miller moths  
Millipedes

Mosquitoes  
Palmetto bugs  
Pillbugs  
Red flour beetles  
Rice flour beetles  
Rusty grain beetles  
Saw-toothed grain beetles  
Silverfish  
Skipper flies  
~~Spiders~~  
Spider beetles  
~~Stable flies~~  
Sowbugs  
~~Ticks, including those that may  
carry and transmit Lyme  
disease~~  
Tobacco moths  
Warehouse beetles  
Wasps  
Waterbugs  
Yellow jackets  
Yellow mealworms

*{The above may be listed in paragraph format}*

**Indoor Use – Undiluted**

**For use in Homes, Restaurants, Food Processing and Other Listed Industrial Areas**

**ULV and Space Spray:** Use in aerosol generators to kill exposed accessible stages of Ants, Boxelder bugs, Cheese mites, Cheese skippers, Clover mites, Earwigs, Fleas, Flies (including Fruit flies), Gnats, Hornets, Mosquitoes, Small flying moths, Wasps and the following common Stored product pests: Angoumois grain moths, Cadelles, Cigarette beetles, Confused flour beetles, Dark meal worms, Drugstore beetles, Grain mites, Granary weevils, Indian meal moths, Mediterranean flour moths, Red flour beetles, Rice weevils, Saw-toothed grain beetles, Spider beetles, Tobacco moths and Yellow meal worms. Remove or cover exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating equipment. Apply at the rate of 0.5 fluid ounce undiluted concentrate per 1000 cubic feet (1.04 ml/m<sup>3</sup>) of space. Direct spray toward ceiling and upper corners of the room.

**Contact and Space Spray:** To kill Ants, Cockroaches, Earwigs, Silverfish and ~~Spiders~~ use a mechanical aerosol generator or a fogger. For maximum effectiveness, using no more than 0.5 fluid ounce diluted spray per 1000 square feet, first direct the spray into all cracks and crevices; behind all equipment, pipes, cupboards, obstructions or dark harborage areas; on walls, floors and

underneath sinks; and in all places that harbor insects contacting as many insects as possible; then treat as a space spray applying at the rate of 0.5 fluid ounce of diluted spray per 1000 cubic feet (1.04 ml/m<sup>3</sup>) of space.

**Note:** if there is a need to treat areas such as conduits, motor housings, junction and switch boxes or other electrical equipment, turn off electrical equipment prior to application. After application, allow time for the oil to dissipate before starting motors or placing switches in the "ON" position.

**Treatment of Stored Food Areas:** Use this product where foods in cloth and multi-walled bags or other packaging are stored in listed areas to kill accessible adult stages of, but not limited to, Almond moths, Angoumois grain moths, Ants, Cadelles, Cereal beetles, Cheese mites, Cheese skippers, Chocolate moths, Cigarette beetles, Cockroaches, Coffee bean weevils, Confused flour beetles, Crickets, Dark mealworms, Dried fruit beetles, Drugstore beetles, Earwigs, Firebrats, Flies, Fruit flies, Fungus gnats, Grain mites, Granary weevils, Hide beetles, Indian meal moths, Khapra beetles, Lesser grain beetles, Mediterranean flour moths, Mosquitoes, Red flour beetles, Rice weevils, Rusty grain beetles, Saw-toothed grain beetles, Silverfish, Small flying moths, ~~Spider~~, Spider beetles, Warehouse beetles, Yellow mealworms and other listed pests. Destroy, fumigate or treat by other effective methods infested stored products using an approved product labeled for this purpose. As noted above, using no more than 1 fluid ounce of diluted spray per 1000 square feet, disperse first by directing spray into cracks, crevices, corners, pallets and around stacks of packaged goods, directly contacting as many insects as possible; then apply as a space spray at the rate of 0.5 fluid ounce per 1000 cubic feet (0.52 ml/m<sup>3</sup>) of room space.

**On Peanuts, Nuts, Beans (including Cocoa), Seeds and Copra in Bags or Other Packaging:** To kill accessible stages of Almond moths, Angoumois grain moths, Ants, Cadelles, Cereal beetles, Cheese mites, Cheese skippers, Chocolate moths, Cigarette beetles, Cockroaches, Confused flour beetles, Crickets, Dark mealworms, Dried fruit beetles, Drugstore beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus gnats, Grain mites, Granary weevils, Hide beetles, Indian meal moths, Khapra beetles, Lesser grain beetles, Mediterranean flour moths, Mosquitoes, Red flour beetles, Rice weevils, Rusty grain beetles, Saw-toothed grain beetles, Silverfish, Small flying moths, ~~Spider~~, Spider beetles, Warehouse beetles, Yellow mealworms and other listed insects. Using no more than 2 fluid ounces of diluted spray per 1000 square feet, apply to the surface of stored or bagged products. Also thoroughly spray walls, floors, storage/handling areas and other surfaces, being especially careful to treat cracks, crevices and similar hiding places. Then apply as a space spray at the rate of ½ fluid ounce per 1000 cubic feet (0.52 ml/m<sup>3</sup>) of space by directing the spray toward the ceiling and upper corners of the area and behind any obstructions.

**Contact and Space Spray – Undiluted Spot Spray – To Kill Cockroaches:** Using an appropriate ULV spraying device, inject the aerosol spray directly into cracks and crevices to completely fill wall, equipment and other small structural void areas. Apply a maximum of 1.3 fluid ounces per 1000 cubic feet. Leave room ventilation or air conditioning equipment on during application.

#### Indoor Use – Diluted

**Space Spray:** For use in mechanical fogging, thermal fogging or spraying equipment to kill accessible stages of Almond moths, Angoumois grain moths, Ants, Cadelles, Cereal beetles, Cheese mites, Cheese skippers, Chocolate moths, Cigarette beetles, Cockroaches, Coffee bean weevils, Confused flour beetles, Crickets, Dark mealworms, Dried fruit beetles, Drugstore beetles, Earwigs, Firebrats, Flies, Fruit flies, Fungus gnats, Grain mites, Granary weevils, Hide beetles, Indian meal moths, Khapra beetles, Lesser grain beetles, Mediterranean flour moths, Mosquitoes, Red flour beetles, Rice weevils, Rusty grain beetles, Saw-toothed grain beetles, Silverfish, Small flying moths, ~~Spider~~, Spider beetles, Warehouse beetles and Yellow mealworms. Remove or cover exposed food and cover food-handling surfaces in edible product areas of food handling establishments. Close room and shut off all air conditioning or ventilating equipment. Dilute 1 part concentrate with 3 parts of a white mineral oil conforming to 21 CFR § 121.2589(b) or an odorless light petroleum hydrocarbon conforming to 21 CFR § 121.1182 and mix well. Apply at the rate of 5 fluid ounces per 1000 cubic feet (5.21 ml/m<sup>3</sup>) of space, filling the room with mist.

**Surface Spray:** To kill accessible stages of Ants, Beetles, Boxelder bugs, Clover mites, Cockroaches, Crickets, Drugstore beetles, Earwigs, Silverfish and other listed insects, dilute 1 part concentrate with 3 parts suitable diluent, mix well and apply as a coarse wetting spray using 1 gallon of dilution per 1000 square feet (40 ml/m<sup>2</sup>) of surface. To ensure maximum control of listed crawling insects, thoroughly spray into all cracks, moldings, crevices, walls, floors, storage/handling areas and other surfaces. Pay particular attention to areas where moisture collects such as drains, sinks, water pipes and around the base of heavy machinery/equipment contacting as many insects as possible. **Ants:** Spray directly into nests, along trails and directly on all visible ants.

**For Use as Transit Protection:** To kill accessible stages of listed insects, clean and spray truck beds, boxcars, ships holds and other listed transit equipment before loading. Dilute 1 part concentrate with 3 parts suitable diluent, mix well and apply as a

coarse wetting spray using 1 gallon of dilution per 1000 square feet (40 ml/m<sup>2</sup>) of surface area. Thoroughly treat walls and floors. Lightly spray each layer of cartons or containers as stacked. To kill **Angoumois grain moths** and **Indian meal worms** in stored grain apply dilution to the surface of binned grain at a rate of 1 gallon per 1000 square feet (40 ml/m<sup>2</sup>). Apply at monthly intervals with the first appearance of moths and continuing until early fall. In case of severe infestation, break up webbing before spraying and make a second application in 2 weeks.

**Contact Spray:** Dilute this concentrate for use with sprayers that give large, wetting spray particles to kill Cockroaches and accessible stages of Granary insects including Cadelles, Confused flour beetles, Grain mites, Granary weevils, Meal moths larvae/adults, Red flour beetles, Rice weevils and Saw-toothed grain beetles. Cover or remove exposed food and close room as described above. Dilute 1 part concentrate with 3 parts of oil or 5 fluid ounces per gallon (112.5 g/L) and mix well. Spray outside walls of grain bins and flooring; around bases of milling machinery, pipes and other harborages; on walls, baseboards and areas behind cabinets using 1 gallon spray per 1000 square feet (40 ml/m<sup>2</sup>) of space. Force spray into all cracks and crevices.

**Dried Fruit Products** in storage or being processed to kill Confused flour beetles, Dried fruit beetles, Indian meal moths and Saw-toothed grain beetles: Remove and destroy infested products. Dilute 1 part concentrate with 3 parts of oil or 5 fluid ounces per gallon (112.5 g/L) and mix well. Disperse dilution in the air as a fine mist above the trays and shelves. Do not apply directly to fruit. Use 0.5 fluid ounce per 1000 cubic feet (1.04 ml/m<sup>3</sup>) of space. Repeat application at this dosage in any given month. Sweep up and destroy fallen insects.

**Stored Food (in cloth or multi-walled bags)** in flour mills, grain elevators, granaries, storage rooms, warehouses and other listed storage areas to kill accessible, exposed stages of Angoumois grain moths, Cadelles, Cheese mites, Cheese skippers, Cigarette beetles, Confused flour beetles, Dark meal worms, Grain mites, Granary weevils, Indian meal moths, Mediterranean flour moths, Red flour beetles, Rice weevils, Saw-toothed grain beetles and Yellow meal worms. Remove and destroy infested products. Dilute 1 part concentrate with 3 parts of oil or 5 fluid ounces per gallon (112.5 g/L) and mix well. Disperse this product first by directing spray into corners, under pallets and around stacks of packaged foods, contacting as many insects as possible; then treat as a space spray. Fumigate or treat by other effective methods infested stored products using an approved product labeled for this purpose. Use a dosage rate of 1 fluid ounce per 1000 cubic feet (1.04 ml/m<sup>3</sup>) of space. Sweep up and destroy fallen insects.

**Zoos:** Use this product as a space spray diluted for use in conventional mechanical fogging equipment to kill Flies, Gnats, Mosquitoes and Small flying moths. Dilute 1 part concentrate with 3 parts oil (refined kerosene) and mix well. Apply dilution above the animals at a rate of 2 fluid ounces per 1000 cubic feet (2.08 ml/m<sup>3</sup>) of space. Direct spray toward upper portions of the enclosure, filling the room with mist.

**For Use Federally Inspected Meat and Poultry Plants:** Dilute 1 part concentrate with 3 parts base oil (refined kerosene) and apply with a ULV spraying device at the application rate of 3 fluid ounces of dilution per 1000 cubic feet (3.12 ml/m<sup>3</sup>) of space. Apply no more than 6 fluid ounces of dilution into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects shelter using up to, but no more than, 34 fluid ounces per 1000 square feet. Contact as many insects as possible. Repeat as necessary, but not more than once per day, to kill exposed or accessible stages of Ants, Earwigs, Flies, Fruit flies, Gnats, Mosquitoes, Silverfish, Small flying moths, Spiders and Waterbugs. Before spraying, cover or remove exposed food products and packaging materials. After spraying, equipment and utensils must be washed with an effective cleaning compound and rinsed with potable water prior to use. Use as a space spray only when plant is not in operation.

**Note:** When using oil as the diluent, use an odorless light petroleum hydrocarbon as defined by 21 CFR § 172.884 for all food areas and food related applications. Additionally, when diluted and used according to label directions, this spray will meet specifications for use under the USDA meat, poultry, and shell egg grading and egg products inspection programs.

**{For product in rigid, non-refillable containers less than or equal to 5 gallons:}**

**Storage and Disposal**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store in original container in a cool, dry place inaccessible to children and pets. Store away from food and pet food. **Pesticide Disposal:** Wastes resulting from the use of this product must be disposed on site or at an approved waste disposal facility. **Container Handling:** Non-refillable container; do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour

rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available. If recycling is not available dispose of container in a sanitary landfill or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

***{For product in rigid, non-refillable containers greater than 5 gallons:}***

**Storage and Disposal**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store in original container in a cool, dry place inaccessible to children and pets. Store away from food and pet food. **Pesticide Disposal:** Wastes resulting from the use of this product must be disposed on site or at an approved waste disposal facility. **Container Handling:** Non-refillable container; do not reuse or refill this container. Triple rinse (or equivalent) container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling, if available; or reconditioning, if appropriate; or puncture and dispose of in a sanitary landfill; or by incineration.

***{For product in rigid, refillable containers:}***

**Storage and Disposal**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store in original container in a cool, dry place inaccessible to children and pets. Store away from food and pet food. **Pesticide Disposal:** Wastes resulting from the use of this product must be disposed on site or at an approved waste disposal facility. **Container Handling:** Refillable container; refill this container only with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before refilling is the responsibility of the refiller; cleaning before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water, then vigorously agitate or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure 2 more times, then offer for recycling, if available, or reconditioning, if appropriate; or puncture and dispose of in a sanitary landfill; or by incineration.

***{Per PR Notice 2007-4 the batch code/lot number will appear on the label or container.}***

**WARRANTY STATEMENT**

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label when used only in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. To the extent consistent with applicable law, Control Solutions, Inc. shall in no event be liable for consequential, special, or indirect damages resulting from the use or handling of this product; all such risks shall be assumed by the Buyer. In addition to the foregoing, no purchaser of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any suspension or cancellation of the registration for this product by the U.S. Environmental Protection Agency. Except as expressly provided herein and to the extent consistent with applicable law, Control Solutions, Inc. makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose and/or use or eligibility of the product for any particular trade usage. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damage resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at Control Solutions, Inc. election, the replacement of this product.

[Manufactured for:] [Distributed by:]

**Control Solutions, Inc.**

5903 Genoa-Red Bluff  
Pasadena, TX 77507-1041

*{Marketing Claims}*

Effective and fast-acting

For use indoors as a ULV, space, area, contact spray or thermal fog for listed insects in areas specified on the label.

For use on {select from sites listed in Directions for Use}

Kills {select from insects listed on label}

Provides flushing action and quick knockdown for indoor use as a ULV, space, area, or contact spray.

*{End of Marketing Claims}*

[ ] Denotes alternate/optional language

{ } Denotes language that does not appear on the market labeling